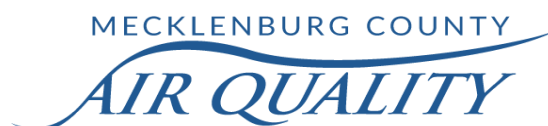


2015 Air Quality Indicators

Mecklenburg County, North Carolina



MCAQ presents the following list of environmental indicators for calendar year 2015 that give information about the air quality in Mecklenburg County as well as programmatic activities.

2015 Mecklenburg County Compliance Values

Pollutant	Averaging Time	Mecklenburg County Compliance Values	National Ambient Air Quality Standards (NAAQS)	Federal NAAQS Designation
Ozone (O ₃)	8-hour	68 ppb	70 ppb (2015 Standard)	Determined in 2017
			75 ppb (2008 Standard)	Maintenance
Particulate Matter (PM _{2.5})	24-hour	18 µg/m ³	35 µg/m ³	Attainment
	Annual	9 µg/m ³	12 µg/m ³	Attainment
Particulate Matter (PM ₁₀)	24-hour	51 µg/m ³	150 µg/m ³	Attainment
Carbon Monoxide (CO)	8-hour	1.2 ppm	9 ppm	Attainment
	1-hour	1.5 ppm	35 ppm	Maintenance
Sulfur Dioxide (SO ₂)	1-hour	7 ppb	75 ppb	Attainment
	3-hour	0.006 ppm	0.5 ppm	Attainment
Nitrogen Dioxide (NO ₂)	1-hour	39 ppb	100 ppb	Attainment
	Annual	12 ppb	53 ppb	Attainment
Lead (Pb)	Rolling 3-month average	0.003 µg/m ³	0.15 µg/m ³	Attainment

Number of Days by Air Quality Index (AQI)	
Green Days	276
Yellow Days	80
Orange Days	9
Red Days	0
Purple Days	0

Ambient Air Monitoring in 2015	
Number of Sites	6
Number of Monitors Operated	34
Number of Measurements Per Year	117,686

Mobile Source Data in 2015	
Registered Vehicles	767,662
Vehicle Miles Traveled Per Day	34,916,752
Mass Transit Average Daily Ridership	83,565

Permitted Stationary Sources in 2015	
Major (Title V)	11
Minor	204
Stage I (Gasoline Stations)	317

Air Pollution Violations in 2015	
Monitoring and Recordkeeping	11
Applicability	3
Emission Standards	3

Program Activity Levels in 2015	
Citizen Requests for Service	29
Asbestos NESHAP Inspections	173
Permits Issued	117
Permit Applicability Determinations	31

2014 Air Pollution Emissions (tons/year)	Mobile Sources	Stationary Sources
CO	91,773	1,049
VOC	6,674	1,184
NOx	13,168	399
SO ₂	269	38
PM _{2.5}	699	42

